

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

ATTORNEY'S D. No. 001560-403	APPLICATION No. To be assigned
APPLICANT Harukazu FUKAMI et al	
FILING DATE June 28, 2001	GROUP 1624 To be assigned


U.S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

Examiner Initials	Foreign Patent Document		Country	Date of Publication (MM-DD-YYYY)	Translation	
	Number	Kind Code (if known)			Yes	no
TNI	795548		EP Duplicate	09-17-1997	X	

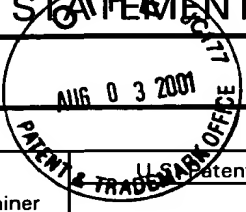
NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Include name of author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		
TNT	K. Paananen et al, "Proteolysis and Fusion of Low Density Lipoprotein Particles Independently Strengthen The Binding to Exocytosed Mast Cell Granules", Journal of Biological Chemistry, Vol. 269, No. 3, pgs. 2023-2031, 1994.		
TNT	H. Bult et al, "Antiatherosclerotic activity of drugs in relation to nitric oxide function", European Journal of Pharmacology, Vol. 375, Issue 1-3, pgs. 157-176, June 30, 1999.		
Examiner Signature			Date Considered 3/27/03

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. SEND TO: Assistant Commissioner for Patents, Washington, D.C. 20231.

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Substitute for form 1449A/PTO	ATTORNEY'S DKT No.	APPLICATION No.
	001560-403	09/869,360
	APPLICANT	
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U.S. PATENT DOCUMENTS				
Examiner Initials	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication (MM-DD-YYYY)
	Number	Kind Code (if known)		
TNT	5,691,335		FUKAMI et al	11-25-1997
TNT	5,814,631		FUKAMI et al	09-29-1998

FOREIGN PATENT DOCUMENTS						
Examiner Initials	Foreign Patent Document		Country	Date of Publication (MM-DD-YYYY)	Translation	
	Number	Kind Code (if known)			Yes	no
TNT	✓ 97/11941		WO	04-03-1997	Abstract Only	
I	✓ 98/18794		WO	05-07-1998	Abstract Only	
	✓ 93/25574		WO	12-23-1993	X	
	✓ 96/04248		WO	02-15-1996	Abstract Only	
	✓ 99/41277		WO	08-19-1999	Abstract Only	
	✓ 93/03625		WO	03-04-1993	X	
	✓ 96/39373		WO	12-12-1996	X	
TNT	✓ 96/33974		WO	10-31-1996	Abstract Only	

NON PATENT LITERATURE DOCUMENTS	
Examiner Initials	Include name of author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
TNT	Jozef Oleksyszyn et al, "Irreversible Inhibition of Serine Proteases by Peptide Derivatives of (α-Aminoalkyl)phosphonate Diphenyl Esters" Biochemistry, January 15, 1991, 30, pages 485-493.
	✓ Hidenori Urata et al, "Cloning of the Gene and cDNA for Human Heart Chymase" Biol. Chem., September 15, 1991, Vol. 266, No. 26, pages 17173-17179.
	✓ Margarita Bastos, et al, "Inhibitors of human heart chymase based on a peptide library" Proc. Natl. Acad. Sci., Vol. 92, July 1995, pages 6738-6742.
	✓ Jorma O. Kokkonen, et al, "Role of Mast Cell Proteases and Proteoglycans in Lipoprotein Metabolism" Mast Cell Proteases in Immunology and Biology, pages 257-287, 1995.
TNT	Suguru Nakayama, et al, "Pathophysiological roles of human chymase" Nippon Rinsho, August 1997, 55(08); pages 1903-1908.

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	Shinji Takai, et al, "Induction of chymase that forms angiotensin II in the monkey atherosclerotic aorta", FEBS Letters, July 21, 1997, 412(1), pages 86-90.		
	Maki Akasu, et al, "Differences in Tissue Angiotensin II-Forming Pathways by Species and Organs In Vitro" Hypertension, September 1998, 32(3); pages 514-520.		
	Jason L. Johnson, "Activation of Matrix-Degrading Metalloproteinases by Mast Cell Proteases in Atherosclerotic Plaques" Arterioscler Thromb Vasc Biol, November 1998, 18(11), pages 1707-1715.		
	Shlomo Keidar, "Angiotensin, LDL Peroxidation and Atherosclerosis" Life Sciences, 1998, Vol. 63, No. 1, pages 1-11.		
	Masanori Yoshizumi, et al, "Effect of endothelin-1 (1-31) on extracellular signal-regulated kinase and proliferation of human coronary artery smooth muscle cells" British Journal of Pharmacology, 1988), 125, pages 1019-1027.		
	Masanori Yoshizumi, et al, "Endothelin-1-(1-31), a novel vasoactive peptide, increases $[Ca^{2+}]_i$ in human coronary artery smooth muscle cells" European Journal of Pharmacology 348, 1998, pages 305-309.		
TNT	Makoto Ihara, et al, "Increased Chymase-Dependent Angiotensin II Formation in Human Atherosclerotic Aorta" Hypertension, June 1999, 33(6), pages 1399-1405.		
Examiner Signature	<i>Udon</i>	Date Considered	8/30/02

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INFORMATION DISCLOSURE CITATION				ATTORNEY'S DKT No. 001560-403		APPLICATION No. 09/869,360	
PTO-1449				APPLICANT Harukazu FUKAMI et al			
				FILING DATE June 28, 2001		GROUP To be assigned 1624	
U.S. PATENT DOCUMENTS							
EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE	
FOREIGN PATENT DOCUMENTS							
EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						Yes	No
TNT	0 795 548	09/17/97	EP				
TNT	97/45400	12/04/97	WO				
TNT	05 169832	07/09/93	JP			Abstract Only	
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
TNT	Y. Liao, et al., "The chymase-angiotensin system in humans: Biochemistry, molecular biology and potential role in cardiovascular diseases", Canadian Journal of Cardiology, Vol. 11, No. Suppl. F., pages 13F-19F, August 1995.						
TNT	S. Niwata et al., "Substituted 3-(Phenylsulfonyl)-1-phenylimidazolidine-2,4-dione Derivatives as Novel Nonpeptide Inhibitors of Human Heart Chymase", Journal of Medicinal Chemistry, Vol. 40, No. 14, 1997, pages 2156-2163.						
EXAMINER	[Signature]			DATE CONSIDERED 8/30/02			


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TNT	05 169832	07/09/93	JP			Abstract Only	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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EXAMINER	<i>W. L. Brown</i>	DATE CONSIDERED	8/30/62
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MAR 17 2003

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Country

Translation	
Yes	No

00/10982

WC

03-02-2000

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[illegible]

Include name of author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.

H. Fukami et al. "Chymase: Its Pathophysiological Roles and Inhibitors," Current Pharmaceutical Design, Vol. 4, No. 6, pages 439-453, 1998.

Ullmann

3/27/03

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